

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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EFS ID: 18254
Application ID: 10065187
Title of Invention: TEST KEY FOR DETECTING
ELECTRICAL ISOLATION BETWEEN
A WORD LINE AND A DEEP
TRENCH CAPACITOR IN DRAM
CELLS
First Named Inventor: Chih-Cheng Liu
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-09-25 
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: NAUP0472USA
Digital Certificate Holder: cn=Winston Hsu, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: GKbFeFnt25t1NGiW7gky8A==
Total Fees Authorized: \$780.0

Payment Category: DA -- Deposit Account
Deposit Account Number: 500801
Deposit Account Name: WINSTON HSU

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

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TOTAL FEES AUTHORIZED: \$ 780

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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

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SUBMITTED BY

Authorized Name: WINSTON HSU

Electronic Signature Mark: VAEB-JMXX-8IIL

Date Signed: 20020925

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 15	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40

TRANSMITTAL FORM

Electronic Version 1.0.3

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Submission Type: Utility
Patent Filing

Attorney Docket
Number:

NAUP0472USA

TEST KEY FOR DETECTING ELECTRICAL ISOLATION BETWEEN A WORD LINE AND A DEEP TRENCH CAPACITOR IN DRAM CELLS

First Named Inventor: Chih-Cheng Liu

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application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	NAUP0472DEC1.TIF
declaration	NAUP0472DEC2.TIF
specification	NAUP0472.xml
patent-assignments	NAUP0472asgn.xml
fee-transmittal	NAUP0472fee.xml
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